AMENDMENTS TO THE CLAIMS

1 to 12. (Canceled)

- 13. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst, which catalyst comprises:
- (A) a catalyst component A which comprises
 - (c) ceria or
 - (d) praseodymium oxide or
- (e) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum;
- (B) a catalyst component B which comprises
- (d) a noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof and
 - (e) a carrier; and
- (C) a catalyst component C which comprises
 - (f) a solid acid, and
- (g) a solid acid supporting an oxide of at least one element selected from the group consisting of vanadium, tungsten, molybdenum, copper, iron, cobalt, nickel and manganese.
- 14. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst, which catalyst comprises:

an outer catalyst layer comprising a catalyst component A and a catalyst component C, as an outer catalyst component, wherein the catalyst component A comprises

- (A) (a) ceria or
 - (b) praseodymium oxide or
- (c) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum; and the catalyst component C comprises
- (C) (f) a solid acid, and
- (g) a solid acid supporting an oxide of at least one element selected from the group consisting of vanadium, tungsten, molybdenum, copper, iron, cobalt, nickel and manganese; and

an inner catalyst layer comprising a catalyst component B, as an inner catalyst component, wherein the catalyst component B comprises

- (B) (d) a noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof and
 - (e) a carrier.
- 15. (New) A method as claimed in claim 13 wherein the catalyst component A supports thereon at least one noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof.
- 16. (New) A method as claimed in claim 14 wherein the catalyst component A supports thereon at least one noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof.
- 17. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst, which catalyst comprises:

an outer catalyst layer comprising a catalyst component A and a catalyst component C, as an outer catalyst component, wherein the catalyst component A comprises

- (A) (a) ceria or
 - (b) praseodymium oxide or
- (c) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum; and the catalyst component C comprises
- (C) (f) a solid acid, and
- (g) a solid acid supporting an oxide of at least one element selected from the group consisting of vanadium, tungsten, molybdenum, copper, iron, cobalt, nickel and manganese; and

an inner catalyst layer comprising a catalyst component A and a catalyst component C, as an inner catalyst component, wherein the catalyst component A comprises

- (A) (a) ceria or
 - (b) praseodymium oxide or
- (c) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum; and the catalyst component Bcomprises
- (B) (d) a noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof and
 - (e) a carrier.
- 18. (New) A method as claimed in claim 17 wherein at least one of the catalyst component A in the outer catalyst component and the catalyst component A in the inner catalyst component supports thereon at least one noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof.
- 19. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a

catalyst structure, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 13.

- 20. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst structure, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 14.
- 21. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst structure, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 15.
- 22. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst structure, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 16.
- 23. (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a catalyst structure, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 17.
- **24.** (New) A method for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact with a

catalyst structure, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 18.

- 25. (New) A catalyst for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, which catalyst comprises:
- (A) a catalyst component A comprising
 - (c) ceria or
 - (d) praseodymium oxide or
- (e) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum;
- (B) a catalyst component B comprising
- (d) a noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof and
 - (e) a carrier; and
- (C) a catalyst component C comprising
 - (f) a solid acid, and
- (g) a solid acid supporting an oxide of at least one element selected from the group consisting of vanadium, tungsten, molybdenum, copper, iron, cobalt, nickel and manganese.
- **26.** (New) A catalyst for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, which catalyst comprises:

an outer catalyst layer comprising a catalyst component A and a catalyst component C, as an outer catalyst component, wherein the catalyst component A comprises

(A) (a) ceria or

- (b) praseodymium oxide or
- (c) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum; and the catalyst component C comprises
- (C) (f) a solid acid, and
- (g) a solid acid supporting an oxide of at least one element selected from the group consisting of vanadium, tungsten, molybdenum, copper, iron, cobalt, nickel and manganese; and

an inner catalyst layer comprising a catalyst component B, as an inner catalyst component, wherein the catalyst component B comprises

- (B) (d) a noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof and
 - (e) a carrier.
- **27.** (New) A catalyst as claimed in claim 25 wherein the catalyst component A supports thereon at least one noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof.
- **28.** (New) A catalyst as claimed in claim 26 wherein the catalyst component A supports thereon at least one noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof.
- 29. (New) A catalyst for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, which catalyst comprises:

an outer catalyst layer comprising a catalyst component A and a catalyst component C, as an outer catalyst component, wherein the catalyst component A comprises

(A) (a) ceria or

- (b) praseodymium oxide or
- (c) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum; and the catalyst component C comprises
- (C) (f) a solid acid, and
- (g) a solid acid supporting an oxide of at least one element selected from the group consisting of vanadium, tungsten, molybdenum, copper, iron, cobalt, nickel and manganese; and

an inner catalyst layer comprising a catalyst component A and a catalyst component C, as an inner catalyst component, wherein the catalyst component A comprises

- (A) (a) ceria or
 - (b) praseodymium oxide or
- (c) an oxide and/or a composite oxide of at least two elements selected from the group consisting of cerium, zirconium, praseodymium, neodymium, terbium, samarium, gadolinium and lanthanum; and the catalyst component Bcomprises
- (B) (d) a noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof and
 - (e) a carrier.
- 30. (New) A catalyst as claimed in claim 29 wherein at least one of the catalyst component A in the outer catalyst component and the catalyst component A in the inner catalyst component supports thereon at least one noble metal catalyst component selected from the group consisting of platinum, rhodium, palladium and oxides thereof.
- 31. (New) A catalyst structure for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact

therewith, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 25.

- 32. (New) A catalyst structure for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 26.
- 33. (New) A catalyst structure for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 27.
- 34. (New) A catalyst structure for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 28.
- 35. (New) A catalyst structure for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact therewith, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 29.
- 36. (New) A catalyst structure for catalytic reduction of nitrogen oxides contained in exhaust gases wherein fuel is supplied and subjected to combustion under periodic rich/lean conditions and the resulting exhaust gases are brought into contact

therewith, in which the catalyst structure comprises an inactive substrate and the catalyst as claimed in claim 30.